



Bulletin

<https://tasfieldnats.org.au>

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Whats on in Hobart...

National Science Week - 11-19 August
Antarctic Photography Exhibition, TMAG, 2-19 August
Exhibition: Beach Couture-A Haute Mess, at the Carnegie Gallery,
Maritime Museum until 20 Sept.

Left: Field Nats gather under an impressive *E. viminalis* at Woodvine.
(Photograph: Mick Brown)

Program

Thursday 2nd. August: Meeting	Guest Speaker Dr Stephen Harris: Tasmanian Callitris
Saturday 4th or Sunday 5th August	Eucalyptus excursion at UTAS and surrounds led by Mark Wapstra
Thursday 6th September: Meeting	Guest Speakers Maria and John Grist: The history of the recreational huts on kunanyi/Mt Wellington circa 1900
Saturday 8th. or Sunday 9th September	Excursion venue TBA
Thursday 4th October: Meeting	Guest Speaker Helen Fitton: Seaweed Science
Saturday 6th October	Excursion possibly to Rheban
Thursday 1st November: Meeting	Guest Speaker: Dr Catherine Byrne: A Lepidopterists taxonomic toolkit and Thaliana, the Australian Geometrid Satin Moths.
Sunday 4th November	Excursion to Rosny Collections and Research Facility. Numbers limited.
Thursday 6th. December	Members' Night
Saturday 8th or Sunday 9th December	Annual TFN picnic and excursion. Venue TBA

General Meetings start at 7.15 pm for 7.30 pm on the first Thursday of the month and feature a guest speaker on natural history (no meetings or excursions in January). Meetings are held in the Life Science Building at the University of Tasmania.

Excursions are usually held the following Saturday or Sunday, meeting at 9.00 am outside the Museum in Macquarie St, Hobart. Bring lunch and all-weather outdoor gear. If you are planning to attend an outing, but have not been to the prior meeting, please confirm the details on the club website as late changes are sometimes made.

Woodvine Nature Reserve

Sunday June 10th.

Attendees: Jane Catchpole, Eddie Gall, Ruth Gall, Don Hird, Amanda Thomson, Annabel and Geoff Carle, Genevieve Gates, David Ratkowsky, John Rosendale, Sabine Borgis, Abby Throssel, Ainslie Cooper, Richard Robinson, Anna McElowney, Mick and Deirdre Brown.



*The group at the start of the walk
Photograph: Amanda Thomson*

Seventeen people met at the end of White Hill Road near Forcett, where there is an old farmhouse and the entrance to Woodvine Nature Reserve. Richard Robinson, who works as a Senior Research Scientist for the Dept. of Parks and Wildlife in Western Australia, and who had given the address to the June meeting, accompanied us.



*Farmhouse at entrance to Woodvine Reserve
Photograph: Deirdre Brown*

The Woodvine Reserve is entered from the end of White Hill Road, where the derelict farm buildings of the original farm are situated. The party set off at a leisurely pace and we made our way through the grassy areas around the farm buildings and into the vegetation types that are the reason for the reserve, “Eucalyptus amygdalina forest and woodland on sandstone, Eucalyptus ovata heathy woodland, and Themeda triandra lowland grassland”. *

The property was donated to the Crown by Ernie

Shaw in 1998 and proclaimed a Nature Reserve in June 2001. Friends of Woodvine work to clear vegetation, maintain the farm buildings, and control weeds, in particular Spanish Heath, abundant on the cleared areas near the start of the track.

We walked only about 2 km, stopping often, as is our usual practice, to observe fungi and other objects of interest, before it was time to stop in a sunny, grassy depression for lunch.

This spot was in sight of a hill covered with scree slopes, thought to be Mother Browns Bonnet. Some mused on the idea of climbing it, but as the day was advancing, and nightfall could be expected in a few hours (it being within 2 weeks of the winter solstice) it was thought that a better plan would be to revisit Woodvine and to walk the track to the Bonnet without stopping to look at anything. Whether or not this is possible for Field Nats is yet to be determined!

Richard Robinson found an impressive range of fungi, and his illustrated list is reproduced below.

Albums about Woodvine

Thank you to Janet Fenton for the following:

Field Nats may be interested to view Trauti Reynolds' photographic/art albums about Woodvine.

Trauti and David Reynolds are Wildcare volunteers who have worked in various Parks around the state for many years. Trauti created many gorgeous albums about the reserves, their history, people and nature. The original albums have now been lodged in the Tasmanian Archives and Heritage Office. The Woodvine one includes some historic photos and information about the formation of the reserve.

The albums can be viewed online at:

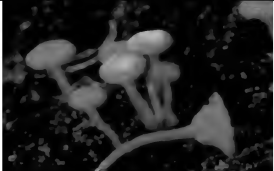


<http://search.archives.tas.gov.au/default.aspx?detail=1&type=A&id=NG03477>

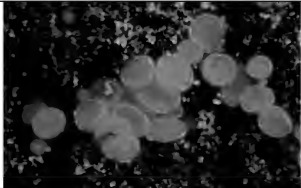

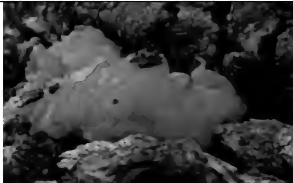


*From the Friends of Woodvine website:

<https://wildcaretas.org.au/branches/wildcare-friends-of-woodvine>).



*Genevieve finds a potentially new species of fungus
Photograph: Deirdre Brown*

Fungi list: Woodvine Reserve 10-06-2018		
Richard Robinson & Tas. Field Nats Club		
Species in order sighted	Comments: A Field Guide to Tasmanian Fungi, Gates and Ratkowsky, 2014 Images (RR, Rich Robinson; GC, Geoff Carle)	
<i>Lichenomphalia chromacea</i>	Photo: RR	
<i>Galerina</i> sp.		
<i>Gymnopus</i> sp.		
<i>Pycnoporus coccineus</i>		
<i>Macrolepiota</i> sp.		
<i>Calocera guepiniioides</i>	On burnt log	
<i>Cortinarius</i> 'chestnut frosty'		
<i>Coltricia australica</i>		
<i>Laccaria</i> sp. (<i>L. lateritia</i> / <i>canaliculata</i> group)	Dark chestnut brown fruit body with dark reddish brown gills	
<i>Bovista</i> sp.		
<i>Cortinarius</i> (<i>Dermocybe</i>) <i>clelandii</i> group Photo: RR		
<i>Leucoagaricus</i> 'grey'		
<i>Cortinarius</i> sp.	Yellow-brown cap with light tan margin.	
<i>Cortinarius</i> 'chestnut'		
<i>Rhodocollybia incarnata</i>		
<i>Stereum ochraceoflavum</i>		
<i>Hygrocybe</i> (<i>Gliophorus</i>) <i>graminicolor</i> Photo: RR	Brown cap, green viscid stem	
<i>Inocybe</i> aff. <i>australiensis</i>		
<i>Cortinarius basirubescens</i> Photo: RR		
		

<i>Marasmius</i> sp. Possibly <i>crinis-equi</i>	On Eucalypt leaf	
<i>Tricholoma</i> 'mini'	5mm cap, looks like a miniature version of <i>Tricholoma eucalypticum</i>	
<i>Pulvinula</i> aff. <i>Tetraspora</i> Photo: GC	Looks like <i>Pulvinula archerii</i> , but occurs about 4-5 years after fire.	
<i>Cortinarius sinapicolor</i>		
<i>Rhodocybe</i> sp.	Small grey.	
<i>Mycena yirakensis</i>	Greyish white cap, slippery stem, basal hairs/rhizoids fruiting on twig.	
<i>Stropharia semiglobata</i>		
<i>Cortinarius</i> 'purple-brown'		
<i>Porpolomopsis (Humidicutis) lewelleniae</i> Photo: GC		
<i>Tubaria rufofulva</i>	On wood in the button grass plain.	
<i>Tremella mesenterica</i> Photo: GC	On burnt eucalypt in the button grass plain	
<i>Psilocybe music</i> Photo: RR	Grows in moss associated with charcoal several years after fire (L., <i>muscus</i> , moss)	
<i>Pisolithus</i> cf. <i>microcarpus</i> Photo: GC		

Woodvine plant list

Acacia dealbata
Acacia genistifolia
Acacia melanoxylon
Acacia myrtifolia
Acaena novae-zelandiae
Allocasuarina monilifera
Allocasuarina littoralis
Aotus ericoides
Astroloma humifusum
Banksia marginata
Bossiaea cinerea
Chordifex monocephalus
Corybas spp (poss *Corybas aconitiflorus*)
Dillwynia glaberrima
Empodisma minus
Epacris impressa
Epacris lanuginosa
Erica lusitanica (introduced)
Eucalyptus amygdalina
Eucalyptus obliqua
Eucalyptus ovata
Eucalyptus viminalis
Exocarpos cupressiformis
Exocarpos strictus
Gleichenia dicarpa
Gahnia grandis
Gonocarpus tetragynus
Gymnoschoenus sphaerocephalus
Hibbertia procumbens
Lagenophora spp
Lepidosperma sp
Lepidosperma laterale
Leptocarpus tenax
Leptomeria drupacea
Leptospermum lanigerum
Leptospermum scoparium
Leucopogon ericoides
Lomandra longifolia
Oxylobium ellipticum
Pteridium esculentum
Pultenaea juniperina
Selaginella uliginosa
Thelionema caespitosum
Xyris operculata

Woodvine bird list

Brown Thornbill
Forest Raven
Green Rosella
Grey Currawong
New Holland Honeyeater
Spotted Pardalote
Superb fairy-wren
Wedge-tailed Eagle
Yellow-throated Honeyeater

Mt Pleasant Observatory

Saturday July 7th.

Attendees: Connor Ling, David Ratkowsky, Genevieve Gates, Margaret Williams, Matt and Sarah Edwards, Di Aldoni, John Reid, Amanda Thomson, Abbey Throssell, Kevin Bonham, Jane Harbard, Clare Hawkins, Kristi Ellingsen.



At Mt Pleasant
Photograph: Amanda Thomson

We met outside at the Mt Pleasant Observatory near Cambridge, on a cold, grey morning, and were ushered inside. Simon Ellingsen (Kristi's husband), an Astrophysics Researcher, Mathematician and Physicist, who works at the telescope, introduced us to the workings and research projects happening at the Observatory. He also introduced us to the Museum detailing the life of Grote Reber, the 'father of radio astronomy'.

We toured the Observatory, seeing the control room full of instruments receiving, analysing and storing data, and a room with an Atomic clock, accurate to millionths of a second. We then were seated, and wearing 3D glasses, watched a couple of short 3D movies in the purpose-built theatre.

Outside the 26m Radio telescope receives the faint

radio signals from astronomical objects. It is used for tracking satellites, and for other commercial tracking purposes.

The 14m Vela telescope was constructed in 1981, and for the past 20 years has been observing the Vela Pulsar, a very dense and rapidly rotating neutron star, which emits regular pulses of radio waves.

The Museum explains the reason and importance of the distant Tasmanian location in providing a long baseline to link with other Australian telescopes and the Northern Hemisphere, enabling high resolutions. The thinness of the Ionosphere over Tasmania is also a contributing factor.



Grote Reber's electric car, Pixie
Photograph: Amanda Thomson

The museum also showcases the life and innovations of Grote Reber who designed the first purpose-built radio telescope in 1937 in Illinois, Chicago. He moved to Tasmania in 1954, realizing its location had great potential as a base for receiving low frequency radio waves. The museum displays his creations and passions from energy efficient cars, bikes and houses to the growth of beans! A fascinating man.

Some of our group stayed on to explore the bush remnants around the facility. In our investigations we found many orb weaving spiders, ants, and snails. Clare walked down to the dam where she reported observing Australasian Shoveler ducks.

The excursion was definitely a pleasant way to spend a cold, and at times wet, winter morning.

Amanda Thomson

<http://qvmag.cms.dedicated1.autech.com.au/qvmag/index.php?c=90>

Missed out on this excursion? Another opportunity is the Open Day on 19th Aug 2018 10:00am – 4pm

Mt Pleasant Radio Telescope Observatory,
Richmond Rd, Cambridge.

Thank You Betty

The club extends a big thank you to Betty Brettingham-Moore who for several years has made sure that supper is ready for us when the formal part of monthly meetings end. She has done this so quietly and efficiently that most have not even noticed the work that has gone into it, perhaps just assuming that the cups, tea and chocolate biscuits magically appear in the tea room at 9 o'clock.

Betty has retired from tea duties owing to a recent car accident. We wish her well for a successful recovery.



Orb weaver
Photograph: Amanda Thomson

About The Tasmanian Field Naturalists Club

We encourage the study of natural history and support conservation. People of any age and background are welcome as members.

For more information, visit our website

<https://www.tasfieldnats.org.au/>

or email secretary@tasfieldnats.org.au or

write to: GPO Box 68, Hobart, 7001

Subscriptions are:

Family \$35

Single \$30

Single Junior or Concession \$25

Three ways to pay: by cheque to the Club address, by Paypal (follow the links on our website or by EFT to the Club account BSB 067 102 A/c 2800 0476.

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Your articles and photos for the Bulletin are welcome. Please email to the editor at tfn.bulletin.editor@gmail.com